

WHAT IS CLAIMED IS:

1. A hockey playing table, comprising a platform, and a plurality of manipulation mechanisms mounted on the platform, wherein:

each of the manipulation mechanisms includes a connecting rack, an
5 operation rod, a first bevel gear, a rotor, a second bevel gear, and a doll,
wherein:

the connecting rack has a first side wall formed with a first insertion
hole for mounting a first bearing, a second side wall formed with a through
hole and a top wall formed with a second insertion hole for mounting a second
10 bearing;

the operation rod is rotatably mounted on the connecting rack and is
extended through the first bearing and the through hole of the connecting rack;

the first bevel gear is secured on the operation rod to rotate therewith;

the rotor is rotatably mounted on the connecting rack and has an
15 upper end formed with a magnet seat;

the second bevel gear is secured on a lower end of the rotor to rotate
therewith and meshes with the first bevel gear; and

the doll is rotatably mounted on the platform and is aligned with the
rotor to rotate therewith, the doll has a lower end formed with a magnet seat
20 attracted by the magnet seat of the rotor.

2. The hockey playing table in accordance with claim 1, wherein the
connecting rack is mounted in the platform.

3. The hockey playing table in accordance with claim 1, wherein the connecting rack is substantially inverted U-shaped.

4. The hockey playing table in accordance with claim 1, wherein the first bearing is formed with a through hole, and the operation rod is extended
5 through the through hole of the first bearing.

5. The hockey playing table in accordance with claim 1, wherein the second bearing is formed with a through hole, and the rotor is extended through the through hole of the second bearing.

6. The hockey playing table in accordance with claim 1, wherein the
10 operation rod has a distal end protruding outward from the through hole of the connecting rack, and an O-ring is mounted on the distal end of the operation rod and rested on the second side wall of the connecting rack.

7. The hockey playing table in accordance with claim 6, wherein the distal end of the operation rod has an outer periphery formed with a positioning
15 hole, and the O-ring has an inner wall formed with a positioning stub inserted into the positioning hole of the operation rod, so that the O-ring is secured on the distal end of the operation rod.

8. The hockey playing table in accordance with claim 1, wherein the operation rod has an inner wall formed with a passage, and each of the
20 manipulation mechanisms further includes a fixing rack secured on a bottom of the platform, and a support rod having a first end secured on a lower end of the fixing rack and a second end inserted into the passage of the operation rod.

9. The hockey playing table in accordance with claim 1, wherein the operation rod has an outer wall formed with an annular catch flange for locking the first bevel gear.

10. The hockey playing table in accordance with claim 1, wherein the
5 first bevel gear is located in the connecting rack.

11. The hockey playing table in accordance with claim 1, wherein the second bevel gear is located in the connecting rack.

12. The hockey playing table in accordance with claim 1, wherein the lower end of the rotor has a periphery formed with an annular catch flange for
10 locking the second bevel gear.

13. The hockey playing table in accordance with claim 1, wherein the magnet seat of the rotor has an inside provided with two magnet strips having different poles.

14. The hockey playing table in accordance with claim 1, wherein the
15 magnet seat of the rotor has an end face provided with a plurality of rollers each rested on a bottom of the platform to facilitate rotation of the magnet seat of the rotor.

15. The hockey playing table in accordance with claim 13, wherein the magnet seat of the doll has an inside provided with two magnet strips
20 having different poles attracted on the two magnet strips of the magnet seat of the rotor, so that the magnet seat of the doll is rotated with the magnet seat of the rotor.

16. The hockey playing table in accordance with claim 1, wherein the magnet seat of the doll has an end face provided with a plurality of rollers each rested on a top of the platform to facilitate rotation of the magnet seat of the doll.